842673

KING SALMON ENVIRON.

ANOMALIES.

SILTS:

Ag 0.3

Ag:

$\bar{X}$ = 0.2

SD = 0.1

VAR = 0.02

ANOMALOUS $\bar{X} + 2(S.D.)$ = 0.4 PPM.

As 50

As:

$\bar{X}$ = ~~65~~ 69 (~~97~~) (~~52~~) (60)

SD = ~~105~~ 110 (~~97~~) (66) (81)

VAR = ~~10857~~ 11922 (~~9472~~) (4337) (6382)

(~~WITH 320 320 670~~ WITH 670)

ANOMALOUS $\bar{X} + 2(S.D.)$ = ~~275 PPM~~ ~~1088~~ 222

Sb 2

Sb:

$\bar{X}$ = 2.0

SD = 1.5

VAR = 2.27

ANOMALOUS $\bar{X} + 2(S.D.)$ = 5.0 PPM

Au 20

Au:

$\bar{X}$ = 8

SD = 3

VAR = 9.9

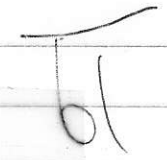
ANOMALOUS $\bar{X} + 2(S.D.)$ = 14 PPB.

KING SALMON ENVIRON.

SILTS:	14	222	5	14
Sample #	Ag	As	Sb	Au.
RLTI-218	0.3	9	0.8	<5
219	0.2	11	1.2	15
220	0.2	25	3.4	<5
221	0.1	9	1.0	<5
161A	0.1	190	5.8	10
162A	0.1	180	4.4	<5
163A	0.2	39	1.8	<5
PATI- 43	0.2	22	1.2	10
44	0.2	17	1.2	<10
56a				
63	0.1	7	0.8	<10
66	0.1	6	0.8	<10
69	0.1	23	1.0	<10
78	0.2	46	2.2	<10
79	0.1	320	6.2	10
146	0.1	23	1.4	15
147	0.1	43	1.6	5
152	0.1	19	1.8	<5.
320	0.1	25	1.8	<5.
DATI- 76	0.1	24	1.2	<10
SOIL 77	0.2	19	1.0	<10 listed twice
78	0.3	38	2.0	<10
81	0.5	320	4.8	10
85	0.1	245	3.0	<10
91	0.2	46	2.4	10
93	0.3	63	2.8	<10

Sample #	.4 Ag	288 As	5 Sb	14 Au
DAT1-97	0.1	17	0.6	10
104	0.1	36	4.2	15
111	0.3	73	4.0	5
169	0.5	67	1.0	<5
173	0.2	45	1.0	5
177	0.2	38	1.8	10
180	0.3	45	2.6	5
185	0.2	160	5.4	5
187	0.1	55	3.6	5
46	0.2	29	1.2	10
SGT1-54	0.4	14	1.0	<10
55	0.4	24	1.4	<10
57	0.5	12	1.2	<10
58	0.8	22	1.0	<10
59	0.3	12	0.6	<10
68	0.2	19	1.2	<10
69	0.5	16	1.0	<10
71	0.4	10	0.8	<10
51				
DMT1-24	0.3	10	1.6	<10
25	0.2	15	1.6	20
28	0.2	11	1.2	<10
29	0.2	14	1.2	<10
64	0.1	14	1.4	10
67	0.2	670	8.0	<5
71	0.1	12	1.0	10
72	0.1	25	1.0	10
75	0.1	9	1.2	<5
115	0.1	45	2.0	10

Sample #	Ag (.4)	As (222)	Sb (5)	Au (14)	
KSTI-56	0.1	140	2.4	10	
57	0.1	250	4.4	<5 ✓	off map so no plot.
58	0.1	150	3.0	10	
59	0.1	32	1.0	10	
60	0.1	140	1.4	<5	
61	0.1	35	1.6	<5	
62	0.1	19	0.8	<5.	
KDTI-58	0.1	30	1.2	5	
PATI-67 /	0.1	20	1.4	<10	
68 /	0.1	24	1.4	<10	
TZTI-108	0.1	27	2.6	<5	



plotted 3>

1981 ✓ KING SALMON ENVIRON. ANOMALIES. 44 plotted 99

ROCKS

'82

Ag: $\bar{X} = 0.1$

SD = 0.1

VAR = 0.01

Ag 0.5

ANOMALOUS $\bar{X} + 2(SD) =$ 0.3 PPM.

As 100 AS: $\bar{X} = 175$ (91)

{WITH 1000, 1000, 1000, 1000} SD = 289 (115)

VAR = 81379 (12849)

ANOMALOUS $\bar{X} + 2(SD) = 753$ PPM (321 PPM).

Au 50 Au: $\bar{X} = 8$ PPB

SD = 4

VAR = 14

ANOMALOUS $\bar{X} + 2(SD) =$ 16 PPB

KING SALMON ENVIRON.

ROCKS:	Ag	As	Au
	.3	321	16
MTTI-81	0.2	33	10
82	0.1	22	10
83	0.1	110	5
84	0.1	85	5
85	0.1	65	10
86	0.1	73	5
116	0.1	41	15
117	0.1	23	<5
299	0.1	73	10
300	0.1	30	20 X Barb.
301	0.1	39	10
302	0.2	33	5
303	0.1	17	<5
DATI-~~HB~~			
193	0.4 X	30	10
~~SGTI~~-61			
65			
TZTI-53			
54	0.1	9	5
55			
70	0.1	53	5
71	0.1	310	<5
125	0.1	35	<5
126	0.1	4	10
143	0.1	29	5
144	0.1	7	10
145	0.7	160	5 Kowatna (k)?
146	0.1	12	20 X
147	0.1	15	10
STI-35			
36			
KSTI 37			
38	0.1	230	<10

Sample #	Ag	As	Sb
	.3	321	46
TT1-39	0.1	16	<10
40	0.2	16	<10
KST1- 41	0.1	36	<10
42	0.1	38	<10.
63	0.1	9	<5 NAKONAKE R.
LDT1-59			
73	0.1	9	<5
74	0.1	16	
75	0.1	6	10
76	0.1	2	<5
77			
78	0.1	3	<5
79	25.0	65	340
80	0.1	45	5
LDT1-59	0.1	3	<5
73 ✓	0.1	>1000	5 ✓
LDT1- 74 ✓	0.1	>1000	<5 ✓
75 ✓	0.1	210	<5
76 ✓	0.1	140	5
77 ✓	0.1	160	<5
78 ✓	0.1	220	5
79 ✓	0.1	490	<5 ✓
80 ✓	0.1	360	<5 ✓

39

TT1-73 ✓	0.2	200	25	X } not included in stats.
74 ✓	0.2	24	<5	

LDT1- 101
102
LDT1-103
104
105

plotted 12.

PFS - ~~Filing system~~ PC.

	Ag	As	Au
LDTI-101 ✓	0.3	12	<5
102 ✓	0.2	9	10
103 ✓	0.2	39	10
104 ✓	0.1	6	5
105 ✓	0.1	5	25
106 ✓	0.2	6	5
107 ✓	0.1	27	10
108 ✓	0.1	20	5
109 ✓	0.1	43	<5

KING SALMON ENVIRON.

ANOMALIES.

SOILS:

182 Ag .5 — **Ag**

$\bar{X}$ = 0.2
SD = 0.3
VAR = 0.06

ANOMALOUS $\bar{X} + 2(SD)$ = **0.8 PPM**.

As 100 — **As**

[WITH 1000, 1000, 1000, 1000, 890, 980]

$\bar{X}$ = ~~85.2~~ (68)
SD = 190 (146) } WITHOUT
VAR = 35924 (21172)

ANOMALOUS $\bar{X} + 2(SD)$ = ~~365~~ 465 PPM (360)

Sb 10 — **Sb:**

[WITH ~~54~~, ~~35~~, 29, 34, 30]

$\bar{X}$ = 3.5 (2.7)
SD = 6.4 (3.6) } WITHOUT.
VAR = 40.7 (12.6)

7.2
2.7

ANOMALOUS $\bar{X} + 2(SD)$ = 16.3 PPM (9.9)

Au 50 — **Au**

[WITH 105, 100, 290, 155]

$\bar{X}$ = 13 (10)
SD = 24 (7)
VAR = 594 (48)

ANOMALOUS $\bar{X} + 2(SD)$ = 61 PPB (24)

7.2
2.7
9.9

KING SALMON ENVIRON.

SOILS	.8	360	10.7	24
Sample #	Ag	As	Sb	Au.
JHII-154	0.1	23	1.0	5
155	0.2	10	0.4	5
156	0.1	24	1.0	10
157	0.1	22	1.2	15
158	0.2	33	0.4	20
159	0.1	14	0.8	5
160	0.1	185	5.8	40 X
161	0.6	19	0.4	25
162	0.3	69	0.4	20
163	1.0	160	2.8	25 X
430	0.3	220	3.0	50
431	0.1	32	1.4	10
432	0.1	35	1.2	15
433 Bank.	1.0	>1000	8.2	55
434	0.1	36	1.2	5
435	0.3	370	2.2	10
436	0.2	43	1.6	5
437	0.2	35	1.0	20
438	1.0	25	1.2	10
439	0.1	39	1.4	30 X
440	0.6	>1000	11.8	105
441	0.1	580	14.2	25 X
442	0.3	110	3.0	100
443	0.2	130	1.6	10
444	0.1	36	1.6	10
445	2.0	~~700~~	4.0	280
446	0.2	120	3.0	10

Bank. Quiet Bank Dam

	.8	360	10.7	24
Sample #	Ag	As	Sb	Au
JHTI- 447	0.3	51	2.0	20
448	0.1	81	1.2	35
SGTI- 43	0.4	~~15~~	1.6	<10
44	0.2	15	1.2	10
45	0.1	33	1.4	<10
47	0.2	14	1.0	<10
48	0.5	14	1.0	<10
49	0.5	19	1.2	<10
50	0.1	39	1.6	10
51	0.2	16	1.4	<10
52	0.3	24	0.8	<10
53	0.5	20	1.6	10
56	1.2	22	2.0	<10
60	0.7	20	1.8	<10
62	1.0	22	1.6	<10
63	0.6	27	2.7	10
64	0.2	12	1.0	10
66	0.2	24	2.6	<10
67	0.2	3	0.4	<10
70	0.4	15	1.2	<10
191	0.3	5	0.8	<5
192	0.2	4	0.6	<5
193	0.1	160	4.4	<5
194	0.4	20	26	<5
195	0.4	12	1.2	<5
196	0.1	16	2.2	<5
197	0.5	12	2.0	<5
198	0.4	73	2.8	<5
199	0.2	23	5.0	<5

Sample #	.8 Ag	360 As	10.7 Sb	24 Au.
SGTI-250 ✓	0.1	11	1.2	<5
201 ✓	0.1	12	4.0	<5
202 ✓	0.1	16	17.8	<5 ✓
203 ✓	0.1	22	2.8	<5.
PATI-45	0.1	35	2.2	<10
46	0.1	110	3.0	<10
47	0.1	25	2.0	<10
48	0.1	33	2.2	<10
49	0.1	35	2.4	<10
50	0.1	10	1.4	<10
51	0.1	4	0.8	10
52	0.1	4	0.6	<10
53	0.1	29	1.4	<10
54	0.1	23	1.2	<10
55	0.1	32	1.8	<10
56	0.1	16	1.4	<10
57	0.1	30	2.0	<10
58	0.1	30	1.6	10
59	0.1	14	1.6	<10
60	0.1	19	1.6	<10
61	0.1	15	1.2	<10
62	0.1	15	1.2	<10
64	0.1	11	1.4	10
65	0.1	3	0.8	<10
70 ✓	0.1	25	1.0	<10
71 ✓	0.1	17	1.0	10
72 ✓	0.1	11	0.8	<10
73 ✓	0.1	36	1.0	<10
74 ✓	0.1	14	0.8	<10

All Trapper Rdg Map

	.8	360	10.7	24
mple #	Ag	As	Sb	Au
PATI- 75	0.1	12	0.6	10
76	0.1	30	1.2	<10
77	0.2	30	1.2	<10
148	0.1	63	6.4	<5
149	0.1	32	1.6	5
150	0.1	11	1.2	5
151	0.1	22	1.6	<5
153	0.1	9	0.8	<5
154	0.2	22	1.0	10
155	0.1	33	1.2	5
156	0.1	22	1.8	10
157	0.1	10	1.6	10.
299	0.2	71	2.2	15
300	0.2	20	2.2	15
301	0.7	9	0.2	10
319	0.1	32	1.4	10
321	0.1	25	1.6	10
322	0.1	11	1.4	5
323	0.1	14	2.2	5
324	0.1	14	2.0	5
325	0.1	14	1.4	10
326	0.1	11	1.0	5
DATI- 74	0.1	11	0.8	<10
75	0.1	10	1.0	<10
77	0.2	19	1.0	<10
79	0.1	10	0.8	<10
80	0.8	650	7.8	<10
82	0.3	14	0.8	20
83	0.1	15	10.0?	<10

Sample #	.8 Ag	360 As	10.7 Sb	24 Au.
DATI-84	0.3	9	1.0	<10
86	0.2	9	1.0	<10
87	0.6	17	5.2	<10
88	0.2	19	1.0	<10
89	0.1	14	1.4	<10
90	0.1	3	1.4	<10
92	0.2	55	2.8	<10
94	0.1	29	20.0	5
95	0.1	22	1.6	5
96	0.1	12	4.8	25
98	0.1	17	4.8	15
99	0.6	27	4.0	15
100	0.1	17	2.4	30
101	0.1	12	2.1	5
102	0.1	29	2.2	10
103	0.6	38	11.4	10
105	0.1	65	2.6	5
106	0.2	45	5.4	15
107	0.1	240	10.0	10
108	0.1	29	1.4	<5
109	0.1	16	1.0	5
110	0.3	65	2.8	<5
112	0.4	63	5.2	<5
167	0.4	19	1.0	<5
168	0.3	22	1.4	5
170	0.3	11	0.8	5
171	0.1	43	3.0	<5
172	0.5	48	1.6	5
174	0.2	38	1.8	<5
175	0.1	14	1.2	5

Sample #	.8 Ag	360 As	10.7 Sb	24 Au.
DATI- 176	0.6	29	1.8	<5
178	0.2	35	2.0	5
179	0.6	24	2.0	<5
181	0.2	29	1.8	<5
182 (Barb.)	0.9	>1000	29.0	155
183	0.1	39	2.0	5
184	1.0	240	16.4	10
186	0.3	160	3.4	5
188	0.7	125	3.0	5
189	0.2	22	1.2	<5
190	0.4	310	7.0	5
191	0.3	43	2.2	<5
192	0.2	22	1.0	<5
DMTL- 23	0.4	15	1.8	10
26	0.2	41	2.4	10
27	0.2	15	1.4	<10
30	0.1	210	4.0	20
31	0.2	20	1.4	<10
60	0.1	22	1.0	5
61	0.1	17	1.2	10
62	0.2	7	1.2	10
63	0.1	14	1.6	5
65	1.0	12	1.8	20
66	0.1	14	1.2	<5
68	0.1	7	0.8	<5
69	0.1	15	1.0	5
70	0.4	14	0.8	25
73	0.3	73	5.2	5
74	0.1	630	10.4	<5

Sample #	0.8 Ag	321 As	10.7 Sb	24 Au
DMTI-75	0.1	9	1.2	<5
109	0.1	>1000	54.0	<5
110	0.1	890	35.0	20
111	0.1	450	20.0	10
112	0.1	980	17.6	20
113	0.1	385	23.0	10
114	0.1	300	34.0	5
RLTI-69	0.5	33	1.4	10
70	0.6	15	1.2	<10
71	0.2	32	1.6	<10
72	0.8	15	1.0	<10
73	0.2	53	1.0	<10
74	0.2	32	1.0	10
75	0.3	24	1.0	<10
76	0.6	15	1.2	10
77	0.1	4	0.4	<10
78	0.4	48	3.4	<10
79	0.3	23	1.4	<10
80	0.5	32	1.8	<10
81	0.2	39	1.6	<10
82	0.4	24	1.6	10
158A	0.4	600	30.0	10
159A	0.1	24	2.6	<5
160A	0.1	90	1.4	<5
164A	0.1	15	0.6	10
TETI-109	0.1	7	1.6	5

plotted 55.